

NEWSPACE MARKET · COMPANY PROFILE



KT SAT

South Korea · founded 2012 · ktsat.com

15

PRODUCTS

newspacemarket.com/companies/kt-sat-korea-telecom-satellite/

as of 10 September 2026

A large, faint, stylized graphic of a satellite dish or antenna, composed of concentric arcs and a central circle, positioned on the right side of the page.

KT SAT

KT SAT was formally established in December 2012 as a wholly-owned subsidiary of KT Corp, South Korea's leading telecommunications provider, though its satellite operations trace back to 1970 when the Kumsan International Satellite Communication earth station was first established. With over 50 years of satellite operational heritage and 130 years of KT Group telecommunications history, KT SAT is the anchor of South Korea's commercial space communications industry. The company operates five geostationary satellites — KOREASAT 5, 5A, 6A, 7, and 8 — positioned at orbital slots of 116°E, 113°E, and 75°E. These satellites collectively cover over 60% of the world's population and serve a wide range of applications including DTH broadcasting, broadband internet, maritime connectivity, and government communications across Korea, Japan, Southeast Asia, South Asia, and parts of Africa and Europe. KT SAT's ground infrastructure includes the Kumsan Satellite Service Center (home to over 40 antennas and one of Asia's largest teleport facilities), the Yongin Satellite Control Center, and the Busan Maritime Business Center. The company connects to over 230 countries and territories through 8 submarine cable systems spanning more than 150,000 km and 100+ global Points of Presence. In recent years KT SAT has expanded beyond traditional GEO satellite services into LEO connectivity (Starlink partnership), space-based Earth observation data distribution (BlackSky, Vantor/Maxar, ICEYE), and Space & Navigation services, positioning itself as a comprehensive space-enabled connectivity and data solutions provider for the Asia-Pacific region and beyond.

This profile is generated from the live NewSpace Market catalogue. Specifications are as published by the manufacturer; every product links to a page where a request for quotation reaches the company directly.

Product catalogue



KT SAT

Busan Maritime Business Center

The Busan Maritime Business Center leads the development of ship and shore communication in Korea, offering Inmarsat and MVSAT services for efficient ship operation and improved we

Location102 Jungang-daero, Jung-gu, Busan, Korea

Office Tel+82-51-463-0642

price on request



KT SAT

Data & Telecoms

KT SAT provides private network services including data, voice and other solutions to customers in rural and overseas isolated regions, by using dedicated communication network fro

price on request

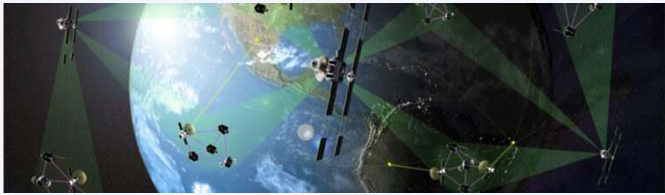


KT SAT

Government & Military

KT SAT offers customized satellite solutions and system integration for critical government and military missions, supported by skilled technicians and satellite facilities.

price on request



KT SAT

KT SAT x STARLINK

KT SAT provides high-speed, low-latency connectivity in areas beyond the reach of terrestrial networks through Starlink, enabling seamless communication and real-time data exchange

price on request



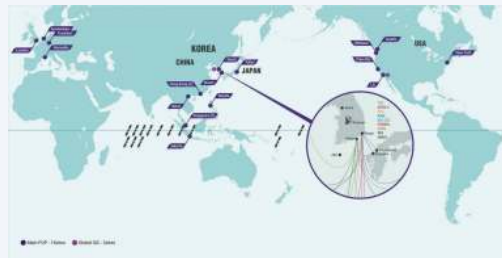
KT SAT

Kumsan Satellite Service Center

Kumsan Satellite Service Center is Korea's first communication station, providing 24/7 satellite services with abundant experience accumulated over half a century.

Established	June 1970
Inmarsat service initiated	March 1991
International VSAT service initiated	August 2002
Teleport service initiated	November 2008
MVSAT service initiated	August 2010
No.1 teleport in Asia	2018
WTA Full Certification_Tier-4 level	November 2023

price on request



KT SAT

Kumsan Teleport Services

Third-party teleport access via KT SAT's Kumsan Satellite Service Center — one of Asia's largest teleports with 50+ years of operation and 40+ antennas.

price on request



KT SAT

MVSAT(XWAVE)

KT SAT's MVSAT (XWAVE) service provides unlimited satellite internet connectivity and maritime solutions for vessels, enhancing efficiency, safety, and crew welfare at sea.

price on request



KT SAT

Satellite Broadband & Data Services

Satellite broadband, dedicated SCPC/MCPC private lines, and mobile backhaul for enterprises and remote sites via the KOREASAT fleet.

price on request



KT SAT

Space & Navigation

KTSAT offers total satellite navigation solutions that can stably provide ultra-precise, reliable PNT (Positioning, Navigation, Timing) information services and provides high-perfo

price on request



KT SAT

Spacedata – Satellite Imagery Service

KT SAT offers tailored remote sensing satellite data and solutions for diverse industries, including Electro-Optical (EO) and Synthetic Aperture Radar (SAR) imagery services.

BLACKSKY Spatial Resolution 0.8m to 1.2m (Gen.2), 35cm (Gen.3)

BLACKSKY Revisit Rate Up to 15 times/Day (approx. 1.5 hours)

BLACKSKY Image Delivery Within 90 minutes after collection

BLACKSKY Imaging Area per Frame 26km² ~ 33km²

Vantor Spatial Resolution 0.3m (0.3~0.5m)

Vantor Swath Width 13km or more

ICEYE SAR Spatial Resolution Up to 0.25m

price on request



KT SAT

Spacedata Earth Observation Services

Multi-source satellite Earth observation imagery and analytics via BlackSky (optical), Vantor/Maxar (ultra-HD), and ICEYE (SAR) partnerships.

price on request

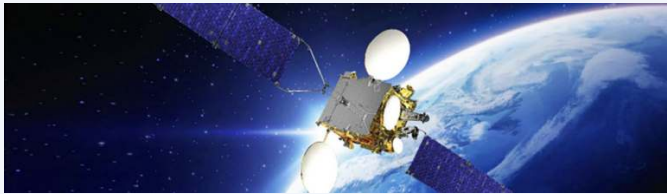


KT SAT

Teleport

KT SAT provides advanced teleport services with experienced high-quality operation skills and global network infrastructure for enterprises with difficulties accessing their satell

price on request



KT SAT

Transponder Capacity

KT SAT provides excellent quality satellite transponder capacity lease service to customers with global coverage, allowing direct operation of desired services with necessary bandw

Satellite	KOREASAT 6A
Orbit Location	116° E
Frequency	Ku-Band
Coverage	Korea
Satellite	KOREASAT 5A
Orbit Location	113° E
Frequency	Ku & Ext Ku-Band

price on request



KT SAT

XWAVE Maritime Satellite Connectivity

VSAT maritime internet connectivity under the XWAVE brand with Ku-band primary and L-band backup, serving all vessel types globally.

price on request



KT SAT

Yongin Satellite Control Center

The Yongin Satellite Control Center, established in 1994, operates and controls KOREASAT satellites and monitors the satellite network with advanced systems.

price on request

Contact KT SAT

Open the company profile on NewSpace Market to see full specifications and datasheets, and to send a request for quotation that reaches the manufacturer directly.

<https://newspacemarket.com/companies/kt-sat-korea-telecom-satellite/>

<https://www.ktsat.com>